Proper instrument cleaning is the most important step to instrument reprocessing. If an instrument is not properly cleaned, it cannot be effectively sterilized. Take the steps to assure that your cleaning process achieves the highest quality results by incorporating Hu-Friedy Cleaning Monitors into your instrument reprocessing protocols. Using multi-parameter testing, Hu-Friedy Cleaning Monitors are designed to give you a clear interpretation of your cleaning process.

### Points of Performance

Colored test soil on strip is designed to parallel the removal of blood and bioburden from an instrument surface.

Reusable stainless steel holder secures monitor in place in order to provide accurate result.

Cleaning Monitor Holder acts as a hinged instrument measuring impingement in washer-disinfectors.

**Ideal Cleaning Monitor Usage**

**Washer-Disinfector**

Run a monitor test in the morning to release the equipment for use and minimum of one monitor per load for load release.

**Ultrasonic Cleaning**

Monitor once daily with an empty load for a machine release and periodically throughout the day with instruments for a load release, if needed.

How the best perform
### CLEAR & SIMPLE RESULTS INTERPRETATION

Removal of all test soil indicates effective cleaning

<table>
<thead>
<tr>
<th>Washer-Disinfector</th>
<th>Ultrasonic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fail (Unexposed)</td>
<td></td>
</tr>
<tr>
<td>Fail</td>
<td></td>
</tr>
<tr>
<td>Pass</td>
<td></td>
</tr>
</tbody>
</table>

See Trouble Shooting Charts (N1736 and N1692) for possible reasons for results and corrective actions.

### PARAMETERS TESTED & COMMON FAILURES

<table>
<thead>
<tr>
<th>Washer-Disinfector</th>
<th>Ultrasonic</th>
</tr>
</thead>
</table>
| Parameters tested by the cleaning monitors | - Time  
- Temperature  
- Detergent concentration  
- Spray arm function  
- Enzyme soak  |
| - Cavitation  
- Time  
- Temperature  
- Detergent |

| Common Cleaning Process Failures | - Inadequate water spray/impingement  
- Clogged spray arms  
- Overloading  
- Instrument shadowing  
- Inadequate detergent dosing  
- Improper detergent dosing  
- Poor water quality  |
| - Ineffective cavitation  
- Overloading  
- Insufficient time, temperature and/or detergent |

Washer-Disinfector Cleaning Monitor, 50 PCS  
| IMS-1200W |

Ultrasonic Cleaning Monitor, 50 PCS  
| IMS-1200U |

Cleaning Monitor Holder, 1 EA  
| IMS-1200H |